

CITY COUNCIL AGENDA MEMORANDUM**SUBJECT:**

Motion to award Bid No. 14006, 2014 Guardrail Improvements as part of the Major Maintenance Program, to Dirt & Aggregate Interchange, Inc., as the lowest responsible and responsive bidder, in the amount of \$52,450.00 (CIP Plan No. PW-M-19 and PW-R-46). This project will install guardrail in two locations: along the north side of SE 38th Street, west of West Lake Sammamish Parkway SE, and along the west side of 120th Avenue SE, north of Lake Washington Boulevard SE.

FISCAL IMPACT:

Awarding this bid will obligate the City to \$52,450.00 to install guardrail on SE 38th Street and 120th Avenue SE. This amount is approximately 19% below the Engineer's Estimate. This contract is fully funded through the Major Maintenance Program (CIP Plan No. PW-M-19 and PW-R-46).

Location	Fund	Amount
120 th Avenue SE	PW-M-19	\$35,000.00
SE 38 th Street	PW-R-46	\$17,450.00

STAFF CONTACT:

Dave Berg, Director, 452-6468

Laurie Gromala, Assistant Director, Traffic Management, 452-6013

Mark Poch, Traffic Engineering Manager, 452-4357

Darek Jarzynski, Senior Transportation Engineer, 452-4277

Transportation Department

POLICY CONSIDERATION:**Comprehensive Plan**

This project is consistent with policies stated in the Transportation Element of the Comprehensive Plan. These policies state the importance of maintaining and enhancing safety for all users of the roadway network system (Policy TR-46).

City Purchasing Policies

Council action is required for awarding bids for construction projects in excess of \$35,000.

BACKGROUND:

Transportation staff has developed a comprehensive Guardrail Program to evaluate and prioritize guardrail installation and upgrade locations. This program allows staff to establish a prioritized list of locations needing new or upgraded guardrail.

This project provides for the removal of two existing, older guardrail systems that don't meet current guidelines and construction of two new guardrail systems in the same locations. Both locations are high priority within the guardrail program and should be rebuilt to better safeguard the traveling

public. The new guardrails will have the adequate length, height, and end treatments necessary to meet current guidelines, and other minor work necessary to complete the project as specified will be accomplished as shown in the contract documents.

This project was bid as a standalone Bellevue project instead of using the Interlocal Agreement with King County Road Services Division because although City Council recently approved this agreement, King County Council action is still pending. Even had the agreement been in place at time of bid, Transportation would have bid this as a Bellevue only project because King County did not have any guardrail projects ready for construction, thus no economy of scale would have been gained.

Following verification of bid submittals, the bids received were as follows:

Engineer's Estimate	\$65,000.00
Dirt & Aggregate Interchange, Inc.	52,450.00
Petersen Brothers, Inc.	54,773.10
Coral Construction Co.	60,933.00

The low bidder was Dirt & Aggregate Interchange, Inc. at \$52,450.00

To the best of our knowledge and professional judgment, all factors that normally contribute to construction expenses have been accounted for in the Plans, Specifications and Estimate. Based on our experience, projects of this type may result in some field changes. All claims are rigorously reviewed and only those that are clearly necessary to accomplish the intent of the contract, but have somehow not been provided for, will be paid.

EFFECTIVE DATE:

If approved, this Motion becomes effective immediately upon Council adoption.

OPTIONS:

- 1) Award Bid No. 14006, 2014 Guardrail Improvements as part of the Major Maintenance Program, to Dirt & Aggregate Interchange, Inc., as the lowest responsible and responsive bidder, in the amount of \$52,450.00 (CIP Plan No. PW-M-19 and PW-R-46).
- 2) Award the bid to the next lowest bidder if the low bidder is not responsive.
- 3) Reject all bids and provide alternative direction to staff.

RECOMMENDATION:

Award Bid No. 14006, 2014 Guardrail Improvements as part of the Major Maintenance Program, to Dirt & Aggregate Interchange, Inc., as the lowest responsible and responsive bidder, in the amount of \$52,450.00 (CIP Plan No. PW-M-19 and PW-R-46). They are qualified to perform the work and are willing to do so.

MOTION:

Move to Award Bid No. 14006, 2014 Guardrail Improvements as part of the Major Maintenance Program, to Dirt & Aggregate Interchange, Inc., as the lowest responsible and responsive bidder, in the amount of \$52,450.00 (CIP Plan No. PW-M-19 and PW-R-46).

ATTACHMENTS:

Vicinity Maps

CIP Project Descriptions

AVAILABLE IN COUNCIL OFFICE:

Final Design Plans

FY2013-2019 Capital Investment Program

PW-M-19 Major Maintenance Program

Category: **Maintenance/Minor Capital**
 Department: **Transportation**

Status: **Ongoing**
 Location: **Citywide**

Programmed Funding

<u>Programmed Funding</u>	<u>Appropriated To Date</u>	<u>FY 2013 Budget</u>	<u>FY 2014 Budget</u>	<u>FY 2015 Budget</u>	<u>FY 2016 Budget</u>	<u>FY 2017 Budget</u>	<u>FY 2018 Budget</u>	<u>FY 2019 Budget</u>
8,991,001	2,221,001	900,000	922,000	943,000	964,000	989,000	1,013,000	1,039,000

Description and Scope

This program will inventory and prioritize needs for maintenance, rehabilitation, reconstruction, or replacement of significant transportation systems components and other transportation related right-of-way appurtenances. Provide necessary capital resources to address a wide range of maintenance related needs that exceed the financial capacity of the Streets Maintenance or Traffic Operations operating budgets but are too small for standalone CIP projects. The program will address high priority maintenance needs including, but not limited to, the repair, rehabilitation, or replacement of roadways, walkways, trails, retaining walls, rockeries, guardrail, pedestrian safety railing, and City-owned fences. The program may also conduct street lighting or traffic signal system repairs or replacements.

Rationale

This program provides funds for major maintenance improvements that will include preserving previous investments throughout the City. This funding source allows traffic operations and street maintenance staffs to respond to emerging needs that are beyond their financial capacity.

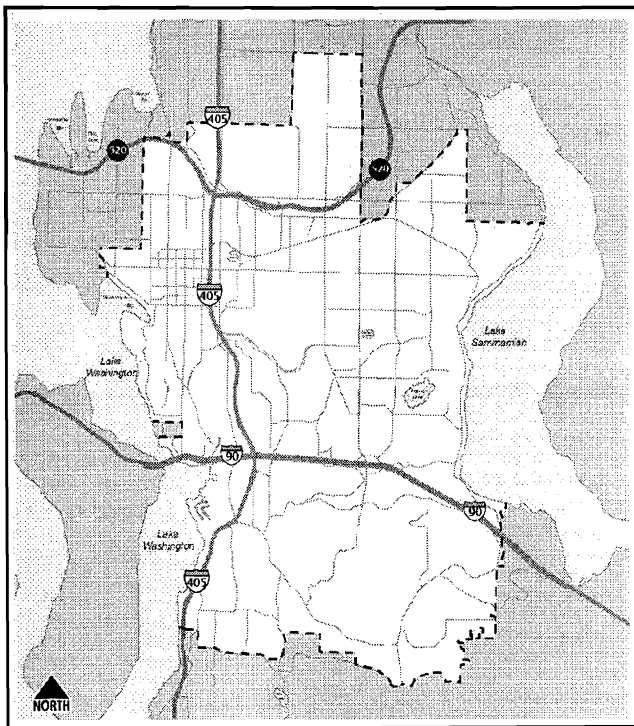
Environmental Impacts

This program funds projects that are primarily maintenance and safety oriented, so environmental issues are minimal and are addressed as appropriate on a location-by-location basis.

Operating Budget Impacts

Operating funds may be required for future improvements but will be determined on an as needed basis.

Project Map



Schedule of Activities

<u>Project Activities</u>	<u>From - To</u>	<u>Amount</u>
Project Costs	Ongoing	8,991,000

Total Budgetary Cost Estimate: 8,991,000

Means of Financing

<u>Funding Source</u>	<u>Amount</u>
General Taxes & LTGO Bond Proceeds	4,656,408
REET	4,334,593

Total Programmed Funding: 8,991,001

Future Funding Requirements: -1

Comments

This program funds projects in multiple locations throughout the City.

Capital Costs/Revenue: Capital costs increased by \$3,769,000 reflecting an increase to the annual funding from \$600,000 to \$900,000 per year plus inflation and continuation of the inflated annual funding allocation in 2018-2019.

PW-R-46 Major Safety Improvements

Category: Roadways
Department: Transportation

Status: Ongoing
Location: Citywide

Programmed Funding

Programmed Funding	Appropriated To Date	FY 2013 Budget	FY 2014 Budget	FY 2015 Budget	FY 2016 Budget	FY 2017 Budget	FY 2018 Budget	FY 2019 Budget
3,442,000	2,742,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000

Description and Scope

This program will construct various roadway safety-related capital improvements citywide as identified through the Accident Reduction Program, deficiency analysis, and community input. Projects include road rechannelization to reduce traffic accidents, guardrail installation, roadside hazard removal, pedestrian crossing enhancements, improved roadway lighting, and other safety-related improvements.

Rationale

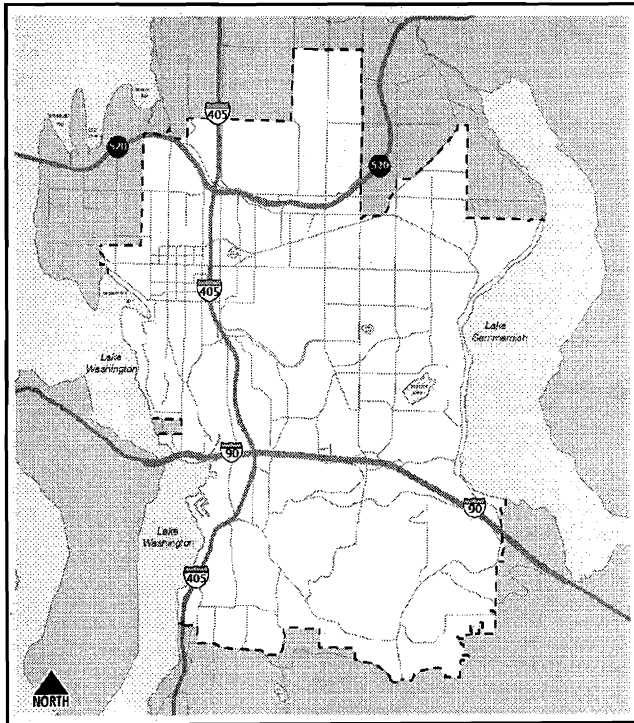
This program is the main funding source for the city's Accident Reduction Program. The Accident Reduction Program is a dedicated, proactive, and consistently applied program to reduce public accident costs to those that travel in Bellevue. Between the program's inception in 1990 and 2012, 71 individual projects have been implemented at intersections and within corridors, resulting in a public traffic accident cost savings of \$2.8 million annually. This program also funds safety improvements that are not included in the Accident Reduction Program, typically at locations that exhibit high accident potential, risk, or severity.

Environmental Impacts

Environmental impacts will be evaluated as specific improvement projects are identified.

Operating Budget Impacts

Operating funds may be required for future improvements but will be determined on an as needed basis.

Project Map**Schedule of Activities**

Project Activities	From - To	Amount
Project Costs	Ongoing	3,442,000

Total Budgetary Cost Estimate: 3,442,000

Means of Financing

Funding Source	Amount
Charges for Services	1,126
General Taxes & LTGO Bond Proceeds	646,453
Grants	308,074
Intergovernmental Contributions	111,429
Miscellaneous Revenue	158,163
Operating Transfers In	394,333
REET	1,822,422

Total Programmed Funding: 3,442,000

Future Funding Requirements: 0

Comments

This program funds projects in multiple locations throughout the City.

Capital Costs/Revenue: Capital costs increased by \$200,000 reflecting continuation of the \$100,000 annual funding allocation in 2018-2019.